

# Teknoil

## Release Agent for Wooden and Steel Molds



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**Product Description** It is a mineral oil based mold release which is used for the easy removal of wooden molds before concrete casting and for obtaining smooth surface concrete.

**Areas of Usage**

- It's used especially in smooth molds with low absorbency or absorptive molds,
- In steel, plywood and wooden molds,
- When it is desired to increase mold productivity,
- In accelerating the mold workmanship.

**Features and Benefits**

- The lowest water / cement ratio results in a high quality concrete that sets itself up.
- It doesn't damage concrete and molds.
- It doesn't cause deterioration on the surfaces, dust on molds.
- It is not affected by cold and heat.
- It can be applied by brush and spray.
- It does not leave waste and color in mold and concrete.
- It helps to protect the concrete as well as to help extend the life of the mold.

**Application Instructions**

**Surface Quality:** The surfaces must be clean, smooth, solid, free from any antiadhesive substance such as dust, oil, dirt, rust, mold oil, detergent and waste. Weak parts should be removed. Surface should be dry.

**Surface Preparation:** If there are binding wires, cement bag paper, wood parts, etc., they must be cleaned. There should be no water accumulation on the surface. Before the iron covering, masonry should be preferred and it should be ready for use on the construction site.

**Mixing:** Mix with a low-speed mixer in a clean container, free of any obstructive material, or in its package for a short time. Application can be done by roller, brush, spray. TEKNOIL should be applied in a thin layer, homogeneously. No oil ponding should occur on the mold. The oil ponds should be removed with sponge, cloth, etc.

**Cleaning:** It must be protected after application against adverse weather conditions such as direct sunlight, high air temperature (above +35°C), rain and frost. The areas of contact with the skin and hands should be cleaned with water.

**Application Notes / Restrictions**

- The product may be irritating to the skin; work clothes, protective gloves, masks and glasses must be used. Protective cream can also be applied before starting work. In case of grout contact with eyes, eyes should be washed immediately with warm water and consult a doctor.
- Do not add foreign substances.
- Pretesting is recommended for different applications.

## Technical Data

General Information	
Color	Oil Yellow, Bright liquid
Density	0,90 (± 0,03) kg/lt
Consumption	35-45 gr/m for absorbent surfaces <sup>2</sup> 15-25 gr/m for non-absorbent surfaces <sup>2</sup>
Packaging	17 lt bucket or 210 lt barrel
Shelf Life	24 months in unopened original packaging
Structure	Mineral Oil Based
Flash Point	> 95°C
Kinematic Viscosity	13,7 cSt 40°C
Refractive Index	1.4855
Acidity Value	13 mg KOH/gr

Technical data are approximate values obtained from the laboratory study of Tekno Construction Chemicals for finished products obtained at +20°C air temperature and 50% relative air humidity.

